**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: TIMOTHY W. GRINSTED

ART UNIT:

SERIAL NO.: 10/089,006

**EXAMINER:** 

FILED: CONCURRENTLY HEREWITH

P.C.T. APPLICATION NO.: PCT/GB00/03615

P.C.T. INTERNATIONAL FILING DATE: SEPTEMBER 21, 2000

EARLIEST PRIORITY CLAIM: SEPTEMBER 21, 1999

TITLE: PLOUGHS

## INFORMATION DISCLOSURE STATEMENT

Hon. Commissioner for Patents United States Patent and Trademark Office Box PCT Washington, D. C. 20231

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicant wishes to call the attention of the Examiner to the following references:

"Express Mail" mailing label number _	EU 337182344 US
Date of Deposit May 21, 2002	

I hereby certify that this paper is being deposited with the U.S. Postal Service "Express Mail - Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to: Hon. Commissioner for Patents, United States Patent and Trademark Office, Washington, D. C. 20231.

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May 21, 2002 Date

Edwin D. Schindler, Reg. No. 31,459

Inventor	Issue Date
T. Grinsted et al.	April 29, 1986
Timothy W. Grinsted	July 26, 1988
T. Grinsted et al.	February 7, 1989
•	
Country/P.C.T.	Published/Issued
France	January 4, 1956
European Patent Off.	May 14, 1980
Fed. Rep. of Germany	September 1, 1983
European Patent Off.	October 16, 1991
United Kingdom	July 26, 1995
	T. Grinsted et al.  Timothy W. Grinsted T. Grinsted et al.  Country/P.C.T.  France European Patent Off. Fed. Rep. of Germany European Patent Off.

A copy of each of the references is submitted herewith along with Form PTO-1449.

The enclosed references were cited in the International Search Report of Applicant's corresponding international application, No. PCT/GB00/03615, filed under the provisions of the Patent Cooperation Treaty (a copy of the International Search Report was filed with a copy of the P.C.T. international application on March 21, 2002), or otherwise known to Applicant.

The accompanying references relate generally to plough and lifting assemblies generally known to the prior art.

These citations do not constitute an admission by Applicant that the references are relevant or material to the patentability of the claims.

Inasmuch as the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no fee for its submission is submitted to be due.

Respectfully submitted,

TIMOTHY W. GRINSTED

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May 21, 2002

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Substitute for form 1449A/PTO

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U.S. Patent and Trademerk Office: U.S. DEPARTMENT OF COMMERCE

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<b>INFORMATION DISCLOSURE</b>
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of

Complete If Known					
Application Number	10/089,006				
Filing Date	May 21, 2002				
First Named Inventor	Timothy W. Grinsted				
Group Art Unit	/				
Examiner Name					
Attorney Docket Number					

				U.S. PATENT DOCU	MEŅŤS			
Exeminer Initials	Cite No.1	U.S. Patent Document    Number   Kind Code <sup>2</sup>		Occurrent Name of Patentee or Applicant of Cited Document		Where Relevant Passages or Relevant Figures Appear		
		4,585,372		T. Grinsted et al.		Col. 2; FIGS. 1-2		
		4,759,138		Timothy W. Grinsted	07-26-1988	Cols. 4-6 & FIGS.		
		4,802,793		T. Grinsted et al.	02-07-1989	FIGS. 1, 2 & 6-8		
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Examiner Cite Initials No.1		ł	Foreign Patent Doc	cument	Name of Patentse or	Date of Publication of	Pages, Columns, Lines,	
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (# known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	
		FR	1,107,641	,	M. Jean Mulon	01-04-1956		
		ÉP	0,010,915	A1	British Petroleum	05-14-1980	P. 5; FIG. 3	
	;	DE	32 45 625	A1	W. Fockersperger	09-01-1983		Τ
	1	EP	0,452,021	A1	Northern Ocean Ser.	10-16-1991		
	1	GB	2,285,821	A	Soil Mach. Dynamics	07-26-1995		$\perp$
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Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not clasion is in conformatics with MPEP 509. Draw line through clasion if not in conformance and n considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Þatish Documents. \$ Entis Office that issued the document, by the two letter code (WPO Standard ST.3). 4 For Japanese patent documents, the hidrescond of the year of the fright of the Emperor must precede the serial number of the patent document. 5 kind of document by the appropriate symbols se indicated on the document under WIPO Standard ST. 16 # possible. 4 Applicant is to place a check mark here if English language Translation is stitle-ched.